

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for identifying an individual, comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
means for judging legitimacy of the user by checking read biological information with the reference biological information; and  
means for transmitting information about ~~a checking result~~ the judgment to a destination of communication ~~in the case where said checking has matched~~ when the read biological information has matched the reference biological information,  
wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

2. (Previously Presented) A system according to claim 1, wherein said biological information of said user is a palm pattern or a fingerprint.

3. (Previously Presented) A system according to claim 2, wherein said palm pattern is a pattern of a part of the palm of the user.

4-5. (Canceled)

6. (Previously Presented) A system according to claim 1, wherein said sensor comprises a contact type area sensor.

7. (Currently Amended) A system for identifying an individual, comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
means for judging legitimacy of the user by checking read biological information with the reference biological information;  
means for transmitting information about ~~a checking result~~ the judgment to a destination of communication ~~in the case where said checking has matched~~ when the read biological information has matched the reference biological information; and  
means for notifying said user that communication between said user and said destination of communication has been authorized[[,]] after said destination of communication receives information ~~that said checking has matched~~ about the judgment, ~~that communication between said user and said destination of communication has been authorized,~~  
wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

8. (Previously Presented) A system according to claim 7, wherein said biological information of a user is a palm pattern or a fingerprint.

9. (Previously Presented) A system according to claim 8, wherein said palm pattern is a pattern of a part of the palm of the user.

10-11. (Canceled)

12. (Previously Presented) A system according to claim 7, wherein said sensor comprises a contact type area sensor.

13. (Withdrawn) A system for identifying an individual comprising:

a sensor-incorporated display of a portable communication device;  
a means for reading biological information of a user by means of said sensor-incorporated display;  
a means for checking read biological information with information stored in said portable communication device; and  
a means for transmitting information about a checking result to a destination of communication in the case where the checking has matched.

14. (Withdrawn) A system according to claim 13, wherein all said means can be controlled by said user using operating keys provided on said portable communication device.

15. (Withdrawn) A system according to claim 14, wherein said operating keys can be controlled by only a dominant hand of said user.

16. (Withdrawn) A system according to claim 14, wherein said operating keys can be controlled by only index finger of said user.

17. (Withdrawn) A system according to claim 14, wherein said operating keys can be controlled by only thumb of said user.

18. (Withdrawn) A system according to claim 13, wherein operations are carried out at the same time as a power supply to said portable communication device.

19. (Withdrawn) A system according to claim 13, wherein said biological information of said user is a palm pattern or finger prints.

20. (Withdrawn) A system according to claim 19, wherein said palm pattern is the whole or a part of user's palm.

21. (Withdrawn) A system according to claim 13, wherein said sensor-incorporated display is a spontaneous light emitting display.

22. (Withdrawn) A system according to claim 13, wherein said sensor-incorporated display is an EL display.

23. (Withdrawn) A system according to claim 13, wherein said sensor-incorporated display is a contact type area sensor.

24. (Withdrawn) A system for identifying an individual comprising:  
a sensor-incorporated display of a portable communication device;  
a means for reading biological information of a user by means of said sensor-incorporated display;  
a means for checking read biological information with reference biological information stored in said portable communication device;  
a means for transmitting information about a checking result to a destination of communication in the case where the checking has matched; and  
a means for transmitting information that communication between said user and said destination of communication to said portable communication device has been authorized after said destination of communication receives information that said checking has matched.

25. (Withdrawn) A system according to claim 24, wherein all said means can be controlled by said user using operating keys provided on said portable communication device.

26. (Withdrawn) A system according to claim 25, wherein said operating keys can be controlled by only a dominant hand of said user.

27. (Withdrawn) A system according to claim 25, wherein said operating keys can be controlled by only index finger of said user.

28. (Withdrawn) A system according to claim 25, wherein said operating keys can be controlled by only thumb of said user.

29. (Withdrawn) A system according to claim 24, wherein operations are carried out at the same time as a power supply to said portable communication device.

30. (Withdrawn) A system according to claim 24, wherein said biological information of said user is a palm pattern or finger prints.

31. (Withdrawn) A system according to claim 30, wherein said palm pattern is the whole or a part of user's palm.

32. (Withdrawn) A system according to claim 24, wherein said sensor-incorporated display is a spontaneous light emitting display.

33. (Withdrawn) A system according to claim 24, wherein said sensor-incorporated display is an EL display.

34. (Withdrawn) A system according to claim 24, wherein said sensor-incorporated display is a contact type area sensor.

35. (Currently Amended) A system for identifying an individual, comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
~~means for reading biological information of a user by means of said sensor incorporated~~  
display;

means for judging legitimacy of said user by checking read biological information with the reference biological information; and

means for transmitting information about ~~a checking result~~ the judgment to a destination of communication through the Internet when the read biological information has matched the reference biological information,

wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

36-37. (Canceled)

38. (Previously Presented) A system according to claim 35, wherein said sensor comprises a contact type area sensor.

39. (Withdrawn) A system for identifying an individual, comprising:  
a sensor-incorporated display of a portable communication device;  
a means for reading the biological information of a user by means of said sensor-incorporated display;  
a means for checking read biological information with reference biological information stored in said portable communication device; and  
a means for transmitting information about a checking result to a destination of communication through Internet, only in the case where it is judged necessary by said portable communication device or by the destination of communication.

40. (Withdrawn) A system according to claim 39, wherein said sensor-incorporated display is a spontaneous light emitting display.

41. (Withdrawn) A system according to claim 39, wherein said sensor-incorporated display is an EL display.

42. (Withdrawn) A system according to claim 39, wherein said sensor-incorporated display is a contact type area sensor.

43. (Currently Amended) A system for identifying an individual, comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
~~means for reading biological information of a user by means of said sensor incorporated display;~~

means for judging legitimacy of said user by checking read biological information with the reference biological information; and

means for transmitting information about the judgment to a destination of communication;

means for transmitting information about ~~a checking result~~ the judgment to a destination of communication through the Internet[[,]] when the read biological information has matched the reference biological information; and

means for notifying said user that communication between said user and said destination of communication has been authorized[[,]] after said destination of communication receives information ~~that said checking has matched about the judgment, that communication between said user and said destination of communication has been authorized,~~

wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

44-45. (Canceled)

46. (Previously Presented) A system according to claim 43, wherein said sensor comprises a contact type area sensor.

47. (Withdrawn) A system for identifying an individual, comprising:

a sensor-incorporated display of a portable communication device;  
a means for reading biological information of a user by means of said sensor-incorporated display;  
a means for checking read biological information with reference biological information stored in said portable communication device;  
a means for transmitting information about a checking result to a destination of communication through Internet, only in the case where it is judged necessary by said portable communication device or by the destination of communication; and  
a means for transmitting information that the communication between said user and said destination of communication has been authorized to said portable communication device through the Internet, after said destination of communication receives information that said checking has matched.

48. (Withdrawn) A system according to claim 47, wherein said sensor-incorporated display is a spontaneous light emitting display.

49. (Withdrawn) A system according to claim 47, wherein said sensor-incorporated display is an EL display.

50. (Withdrawn) A system according to claim 47, wherein said sensor-incorporated display is a contact type area sensor.

51. (Currently Amended) A portable information device comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
means for judging legitimacy of the user by checking read biological information with the reference biological information; and



means for transmitting information about ~~a checking result~~ the judgment to a destination of communication ~~in the case where said checking has matched~~ when the read biological information has matched the reference biological information,

wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

52. (Previously Presented) A portable information device according to claim 51, wherein said biological information of said user is a palm pattern or a fingerprint.

53. (Previously Presented) A portable information device according to claim 52, wherein the palm pattern is a pattern of a part of the palm of the user.

54-55. (Canceled)

56. (Previously Presented) A portable information device according to claim 51, wherein said sensor comprises a contact type area sensor.

57. (Currently Amended) A portable information device comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
means for judging legitimacy of the user by checking read biological information with the reference biological information; and

means for transmitting information about ~~a checking result~~ the judgment to a destination of communication ~~in the case where said checking has matched~~ when the read biological information has matched the reference biological information; and

means for notifying said user that communication between said user and said destination of communication has been authorized[[,]] after said destination of communication receives

information ~~that said checking has matched about the judgment, that communication between said user and said destination of communication has been authorized,~~

wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

58. (Previously Presented) A portable information device according to claim 57, wherein said biological information of said user is a palm pattern or a fingerprint.

59. (Previously Presented) A portable information device according to claim 58, wherein the palm pattern is a pattern of a part of the palm of the user.

60-61. (Canceled)

62. (Previously Presented) A method according to claim 57, wherein said sensor comprises a contact type area sensor.

63. (Withdrawn) A method for identifying an individual, comprising steps of:  
reading biological information of a user by means of a sensor-incorporated display of portable communication device;  
checking read biological information with reference biological information stored in said portable communication device; and  
transmitting information about a checking result to a destination of communication in the case where said checking has matched.

64. (Withdrawn) A method according to claim 63, wherein all said steps can be controlled by said user using operating keys provided on said portable communication device.

65. (Withdrawn) A method according to claim 64, wherein said operating keys can be controlled by only a dominant hand of said user.

66. (Withdrawn) A method according to claim 64, wherein said operating keys can be controlled by only index finger of said user.

67. (Withdrawn) A method according to claim 64, wherein said operating keys can be controlled by only thumb of said user.

68. (Withdrawn) A method according to claim 63, wherein operations are carried out at the same time as a power supply to said portable communication device.

69. (Withdrawn) A method according to claim 63, wherein said biological information of said user is a palm pattern or finger prints.

70. (Withdrawn) A method according to claim 69, wherein the palm pattern is the whole or a part of user's palm.

71. (Withdrawn) A method according to claim 63, wherein said sensor-incorporated display is a spontaneous light emitting display.

72. (Withdrawn) A method according to claim 63, wherein said sensor-incorporated display is an EL display.

73. (Withdrawn) A method according to claim 63, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

74. (Withdrawn) A method for identifying an individual comprising steps of:  
reading biological information of a user by means of a sensor-incorporated display of portable communication device;

checking read biological information with reference biological information stored in said portable communication device;

transmitting information about a checking result to a destination of communication in the case where the checking has matched; and

transmitting information that communication between said user and said destination of communication has been authorized to said portable communication device destination of communication receives information that said checking has matched.

75. (Withdrawn) A method according to claim 74, wherein all said steps can be controlled by said user using operating keys provided on said portable communication device.

76. (Withdrawn) A method according to claim 75, wherein said operating keys can be controlled by only a dominant hand of said user.

77. (Withdrawn) A method according to claim 75, wherein said operating keys can be controlled by only index finger of said user.

78. (Withdrawn) A method according to claim 75, wherein said operating keys can be controlled by only thumb of said user.

79. (Withdrawn) A method according to claim 74, wherein operations are carried out at the same time as a power supply to said portable communication device.

80. (Withdrawn) A method according to claim 74, wherein said biological information of said user is a palm pattern or finger prints.

81. (Withdrawn) A method according to claim 80, wherein the palm pattern is the whole or a part of user's palm.

82. (Withdrawn) A method according to claim 74, wherein said sensor-incorporated display is a spontaneous light emitting display.

83. (Withdrawn) A method according to claim 74, wherein said sensor-incorporated display is an EL display.

84. (Withdrawn) A method according to claim 74, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

85. (Currently Amended) A portable information device comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
means for judging legitimacy of said user by checking read biological information with the reference biological information;  
means for transmitting information about ~~a checking result~~ the judgment to a destination of communication ~~in the case where said checking has matched~~ when the read biological information has matched the reference biological information; and  
means for transmitting information about ~~a checking result~~ the judgment to a destination of communication through Internet,  
wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

86-87. (Canceled)

88. (Previously Presented) A portable information device according to claim 85, wherein said sensor comprises a contact type area sensor.

89. (Withdrawn) A method for identifying an individual, comprising steps of:

reading biological information of a user by means of a sensor-incorporated display of a portable communication device;

checking read biological information with reference biological information stored in said portable communication device; and

transmitting information about a checking result to a destination of communication through Internet, only in the case where it is judged necessary by said portable communication device or by the destination of communication.

90. (Withdrawn) A method according to claim 89, wherein said sensor-incorporated display is a spontaneous light emitting display.

91. (Withdrawn) A method according to claim 89, wherein said sensor-incorporated display is an EL display.

92. (Withdrawn) A method according to claim 89, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

93. (Currently Amended) A portable information device comprising:  
a display device having pixels, each of which includes a light emitting element and a sensor for reading biological information of a user;  
a flash memory for storing reference biological information of said user;  
means for judging legitimacy of said user by checking read biological information with the reference biological information;  
means for transmitting information about ~~a checking result~~ the judgment to a destination of communication through the Internet when the read biological information has matched the reference biological information; and  
means for notifying said user that communication between said user and said destination of communication has been authorized[[,]] after said destination of communication receives

information ~~that said checking has matched about the judgment, that communication between said user and said destination of communication has been authorized,~~

wherein the light emitting element comprises a cathode, a light emitting layer, and an anode.

94-95. (Canceled)

96. (Previously Presented) A portable information device according to claim 93, wherein said sensor comprises a contact type area sensor.

97. (Withdrawn) A method for identifying an individual, comprising steps of:  
reading biological information of a user by means of a sensor-incorporated display of a portable communication device;  
checking read biological information with reference biological information stored in said portable communication device;

transmitting information about a checking result to a destination of communication through Internet, only in the case where it is judged necessary at said portable communication device or at the destination of communication; and

transmitting information to said portable communication device through the Internet, after said destination of communication receives information that said checking has matched, that the communication between said user and said destination of communication has been authorized.

98. (Withdrawn) A method according to claim 97, wherein said sensor-incorporated display is a spontaneous light emitting display.

99. (Withdrawn) A method according to claim 97, wherein said sensor-incorporated display is an EL display.

Applicant : Shunpei Yamazaki et al.  
Serial No. : 09/833,674  
Filed : April 13, 2001  
Page : 17 of 21

Attorney's Docket No.: 12732-028001 / US4856

100. (Withdrawn) A method according to claim 97, wherein a sensor that said sensor-incorporated display has is an area sensor of contact types.

101-108. (Canceled)